Handout #2 Operations Bundles vs Criteria

Comparison of Evaluation Results for Water Operations and Conveyance Bundles by Short-Listing Criteria Category

Water Operations and Conveyance Bundles	SHORT-LISTING CRITERIA CATEGORY			
	Biological	**Planning/Feasibility**	**Flexibility/Durability/ Sustainability**	**Impacts to Other Resources**
1. Real-time operation of CVP/SWP	Smelt ● Salmonids ● Sturgeon NE Spittail ●	PRE Goals ●● Cost ●●●	Durability ● Reversibility ●●● Adaptability ●●●	Biological ●●● Human ●●●
2. Reduced demand/ diversions	Smelt ●● Salmonids ●● Sturgeon NE Spittail ●●	PRE Goals ● Cost ●●●	Durability ● Reversibility ●● Adaptability ●●	Biological ●●● Human ●●●
3. Opportunistic exports	Smelt ● Salmonids ●● Sturgeon ●● Spittail ●●	PRE Goals ●● Cost ●● ($100sM - $1B)	Durability ● Reversibility ● Adaptability ●●	Biological ● Human ●
4. SDA facility	Smelt ●● Salmonids ●● Sturgeon ○ Spittail ●●	PRE Goals ●●● Cost ● ($2-3B)	Durability ● Reversibility ● Adaptability ●●	Biological ● Human ●
5. Isolated facility	Smelt ●●● Salmonids ●●● Sturgeon ●● Spittail ●●●	PRE Goals ●●● Cost ● ($2-3B)	Durability ●●● Reversibility ● Adaptability ●●●	Biological ● Human ●
6. Bifurcated SDA facility	Smelt ●● Salmonids ●● Sturgeon ● Spittail ●●	PRE Goals ●●● Cost ● ($2-3B)	Durability ●●● Reversibility ● Adaptability ●●	Biological ● Human ●
7. Dual conveyance facility	Smelt ●● Salmonids ●● Sturgeon ○ Spittail ●	PRE Goals ●●● Cost ● ($1.6-$2.4B)	Durability ●● Reversibility ● Adaptability ●●	Biological ● Human ●
8. San Joaquin River Corridor Isolated	Smelt ○ Salmonids ● Sturgeon **U** Spittail **NE**	PRE Goals ●●● Cost ●● ($0.75-$1.75B)	Durability ● Reversibility ●● Adaptability ●	Biological ●●● Human ●●●

Key to Scoring:

Biological (smelt, sturgeon, salmonids, splittail)
● = low beneficial effects at population level; ●● = moderate beneficial effects at population level; ●●● = high beneficial effects at population level
NE = negligible or no effect
○ = low adverse effect at population level; ○○ = moderate adverse effects at population level; ○○○ = high adverse effects at population level
U = unknown

Planning/Feasibility
PRE Goals ● = not likely to meet PRE goals; ●● = may meet PRE goals; ●●● = expected to meet PRE goals
Cost ● = high cost >$2B; ●● = moderate cost $500M-$2B; ●●● = low cost <$500M

Flexibility/Durability/Sustainability
Durability ● = low; ●● = moderate; ●●● = high durability against seismic events and sea level rise
Adaptability ● = low; ●● = moderate; ●●● = high adaptability to manage the Delta system for fish conservation
Reversibility ● = low; ●● = moderate; ●●● = high reversibility of elements in the bundle

Impacts to Other Resources
Biological Impacts ● = high impacts on other native species; ●● = moderate impacts on other native species; ●●● = low impacts on other native species
Human Impacts ● = high impacts on human resources; ●● = moderate impacts on human resources; ●●● = low impacts on human resources